



Product Change Notification / SYST-15OSNS990

Date:

08-Jan-2024

Product Category:

8-Bit Microcontrollers

PCN Type:

Document Change

Notification Subject:

AVR32EA28/32/48 Silicon Errata and Data Sheet Clarifications

Affected CPNs:

[SYST-15OSNS990_Affected_CPN_01082024.pdf](#)

[SYST-15OSNS990_Affected_CPN_01082024.csv](#)

Notification Text:

SYST-15OSNS990

Microchip has released a new Document for the AVR32EA28/32/48 Silicon Errata and Data Sheet Clarifications of devices. If you are using one of these devices please read the document located at [AVR32EA28/32/48 Silicon Errata and Data Sheet Clarifications](#).

ERRATA - AVR32EA28/32/48 Silicon Errata and Data Sheet Clarifications

Notification Status: Final

Description of Change: Added Silicon Revision: A2 Added errata: • Device: 2.2.4. Limitation on Flash Boot Size and Flash Code Size Fuses
Added Data Sheet Clarifications: • SPI – 3.1. SPI - Serial Peripheral Interface – 3.2. SPI - Serial Peripheral Interface • Electrical Characteristics: – 3.3. Electrical Characteristics - Supply Voltage – 3.4. Electrical Characteristics - Peripherals Power Consumption – 3.7. Electrical Characteristics - SPI – 3.8. Electrical Characteristics - AC

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 08 Jan 2024

NOTE: Please be advised that this is a change to the document only the product has not been changed.

Markings to Distinguish Revised from Unrevised Devices: N/A

Attachments:

[AVR32EA28/32/48 Silicon Errata and Data Sheet Clarifications](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

AVR32EA28-E/SP
AVR32EA28-E/SS
AVR32EA28-E/STX
AVR32EA28-I/SP
AVR32EA28-I/SS
AVR32EA28-I/STX
AVR32EA28T-E/SS
AVR32EA28T-E/STX
AVR32EA28T-I/SS
AVR32EA28T-I/STX
AVR32EA32-E/PT
AVR32EA32-E/RXB
AVR32EA32-I/PT
AVR32EA32-I/RXB
AVR32EA32T-E/PT
AVR32EA32T-E/RXB
AVR32EA32T-I/PT
AVR32EA32T-I/RXB
AVR32EA48-E/6LX
AVR32EA48-E/PT
AVR32EA48-I/6LX
AVR32EA48-I/PT
AVR32EA48T-E/6LX
AVR32EA48T-E/PT
AVR32EA48T-I/6LX
AVR32EA48T-I/PT